

WHAT IS CLAIMED IS:

1. An information processing apparatus having shared information storage means for storing information shareable among other networked information processing apparatuses and including one or more types of information description area, comprising:

data input means for inputting data from said another networked information processing apparatus; and

information description area generation means for, based on data from said data input means, generating a new information description area having an identification information write area for writing identification information indicating a type of said information description area.

2. The information processing apparatus according to claim 1, comprising write restriction recording means for recording write restriction information when writing to said information description area.

3. The information processing apparatus according to claim 2, wherein said write restriction information is the maximum number of said types.

4. The information processing apparatus according to claim 1, comprising storage means for storing compression information by previously compressing template information in an information description area having said identification information write area, wherein

4752025355742500
said information description area generation means comprises decompression means for decompressing compression information saved in said storage means in response to a request from said another information processing apparatus.

5. The information processing apparatus according to claim 1, wherein said information description area generation means comprises read means for reading information from a storage medium; and

responds to a request from said another information processing apparatus and reads said template information from a storage medium storing template information of an information description area having said identification information write area.

6. The information processing apparatus according to claim 1, wherein said information description area generation means comprises acquisition means for acquiring said template information via a network or a communication line from a server storing template information for an information description area having said identification information write area in response to a request from said another information processing apparatus.

7. An information processing method for an information processing apparatus capable of having shared information storage means for storing information shareable among other networked information processing apparatuses and including one or more types of information description area, comprising:

a data input step of inputting data from said another networked information processing apparatus; and

an information description area generation step of, based on data from said data input means, generating a new information description area having an identification information write area for writing identification information indicating a type of said information description area.

8. The information processing method according to claim 7, comprising:

a storage step of storing compression information by previously compressing template information in an information description area having said identification information write area; and

a decompression step of decompressing said compression information in response to a request from said another information processing apparatus.

9. The information processing method according to claim 7, comprising a read step of responding to a request from said another information processing apparatus and reading said template information from a storage medium storing template information of an information description area having said identification information write area.

10. The information processing method according to claim 7, comprising an acquisition step of acquiring said template information via a network or a communication line from a server storing template information for an information description area having said identification information write area in response to a request from said another information processing apparatus.

11. An information processing apparatus connected with another information processing apparatus having shared information storage means for storing information shareable among other networked information processing apparatuses and including one or more types of information description area, comprising:

request means for requesting to generate a specified type of information description area; and

write means for writing identification information indicating said specified type of said information description area to a write area for identification information indicating a type of said information description area provided in said information description area newly generated by said another information processing apparatus in response to said request.

12. The information processing apparatus according to claim 11, comprising acquisition means for acquiring write restriction information when writing to said information description area.

13. The information processing apparatus according to claim 12, wherein said write restriction information is the maximum number of said types.

14. The information processing apparatus according to claim 11, comprising determination means for determining whether said type of information description area is already generated in said another information processing apparatus, wherein

when said determination means determines that said type of information description area is not generated, said request means requests to generate said type of information description area.

15. The information processing apparatus according to claim 11, wherein said request means requests where to generate said type of information description area.

16. An information processing method of writing information to another information processing apparatus capable of having shared information storage means for storing information shareable among other networked information processing apparatuses and including one or more types of information description area, comprising:

a request step of requesting to generate a specified type of information description area; and

a write step of writing identification information indicating said specified type of said information description area to a write area for identification information indicating a type of said information description area provided in said information description area newly generated by said another information processing apparatus in response to said request.

17. The information processing method according to claim 16, comprising an acquisition step of acquiring write restriction information when writing to said information description area.

18. The information processing method according to claim 17, wherein said write restriction information is the maximum number of said types.

19. The information processing method according to claim 16, comprising a determination step of determining whether said type of information description area is already generated in said another information processing apparatus, wherein

when said determination step determines that said type of information description area is not generated, said request step requests to generate said type of information description area.

20. The information processing method according to claim 16, comprising a step of requesting where to generate said type of information description area.

21. An information processing system comprising a first information processing apparatus having shared information storage means for storing information shareable among respective networked information processing apparatuses and including one or more types of information description area and a second information processing apparatus networked to said first information processing apparatus, wherein

said first information processing apparatus comprising:

data input means for inputting data from said second information processing apparatus; and

information description area generation means for, based on data from said data input means, generating a new information description area having an identification

information write area for writing identification information indicating a type of said information description area, and

 said second information processing apparatus comprising:

 request means for transmitting request data requesting said information processing apparatus to generate a specified type of information description area; and

 write means for writing identification information indicating said specified type of said information description area to a write area for said identification information in said information description area newly generated by said first information processing apparatus in response to said request data.

22. The information processing system according to claim 21, wherein

 said first information processing apparatus comprises storage means for storing compression information by previously compressing template information in an information description area having said identification information write area; and

 said information description area generation means for said first information processing apparatus comprises decompression means for decompressing compression information saved in said storage means in response to a request from said second information processing apparatus.

23. The information processing system according to claim 21, wherein

 said information description area generation means of said first information processing apparatus comprises read means for reading information from a storage medium; and

responds to a request from said second information processing apparatus and reads said template information from a storage medium storing template information of an information description area having said identification information write area.

24. The information processing system according to claim 21, wherein said information description area generation means of said first information processing apparatus comprises acquisition means for acquiring said template information via a network or a communication line from a server storing template information for an information description area having said identification information write area in response to a request from said second information processing apparatus.

25. An information processing method of writing information to a first information processing apparatus capable of having shared information storage means for storing information shareable among respective networked information processing apparatuses and including one or more types of information description area, comprising:

a request step of requesting said information processing apparatus to generate a specified type of information description area;

a generation step of generating a new information description area having an identification information write area for writing identification information indicating said type of information description area in response to said request; and

a write step of writing identification information indicating said specified type of said information description area to a write area for identification information

indicating a type of said information description area provided in said information description area newly generated in response to said request.

26. The information processing method according to claim 25, comprising an acquisition step of acquiring write restriction information when writing to said information description area.

27. The information processing method according to claim 26, wherein said write restriction information is the maximum number of said types.

28. The information processing method according to claim 25, comprising a determination step of determining whether said type of information description area is already generated in said information processing apparatus, wherein

when said determination step determines that said type of information description area is not generated, said request step requests to generate said type of information description area.

29. The information processing method according to claim 25, wherein said request step also requests where to generate said type of information description area.

30. The information processing method according to claim 25, comprising:
a storage step of storing compression information by previously compressing template information in an information description area having said identification information write area; and

a decompression step of decompressing said stored compression information in response to said request.

31. The information processing method according to claim 25, comprising a read step of responding to a request from said another information processing apparatus and reading said template information from a storage medium storing template information of an information description area having said identification information write area.

32. The information processing method according to claim 25, comprising an acquisition step of acquiring said template information via a network or a communication line from a server storing template information for an information description area having said identification information write area in response to said request.

33. A medium storing a program for performing information processing on an information processing apparatus capable of storing information shareable among other networked information processing apparatuses and including one or more types of information description area, wherein said program comprising the steps of:

inputting a request from said another networked information processing apparatus; and

generating a new information description area having an identification information write area for writing identification information indicating a type of said information description area in response to said request.

34. A medium storing a program for performing information processing on an information processing apparatus networked with another information processing apparatus, wherein said program comprising the steps of:

issuing a request to generate a specified type of information description area to another information processing apparatus having shared information storage means for storing information shareable among respective networked information processing apparatuses and including one or more types of information description area; and

writing identification information indicating said specified type of said information description area to a write area for identification information indicating a type of said information description area provided in said information description area newly generated by said another information processing apparatus in response to said request.

35. The program stored in a medium according to claim 34, comprising an acquisition step of acquiring write restriction information when writing to said information description area.

36. The program stored in a medium according to claim 35, wherein said write restriction information is the maximum number of said types.

37. The program stored in a medium according to claim 34, comprising a step of determining whether said type of information description area is already generated in said another information processing apparatus, wherein

when said determination step determines that said type of information description area is not generated, said request step requests to generate said type of information description area.

38. The program stored in a medium according to claim 34, comprising a step of requesting where to generate said type of information description area.

39. A medium storing a program for performing information processing on an information processing apparatus networked with other information processing apparatuses, wherein said program comprising the steps of:

issuing a request to generate a specified type of information description area to shared information storage means for storing information shareable among respective networked information processing apparatuses and including one or more types of information description area;

generating a new information description area having an identification information write area for writing identification information indicating a type of said information description area in response to said request; and

writing identification information indicating said specified type of said information description area to a write area for identification information indicating a type of said information description area provided in said information description area newly generated in response to said request.